



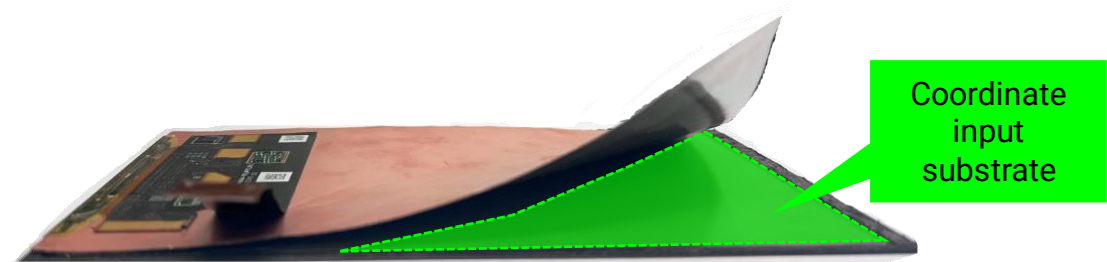
Exhibit 4

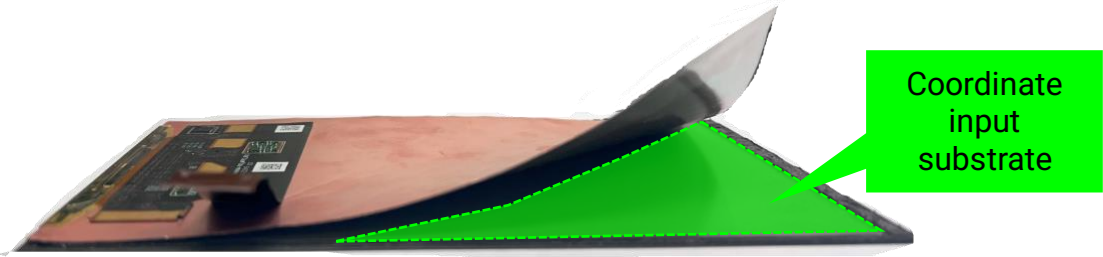
U.S. Patent No. 9,507,477 (“477 Patent”)**Accused Products**

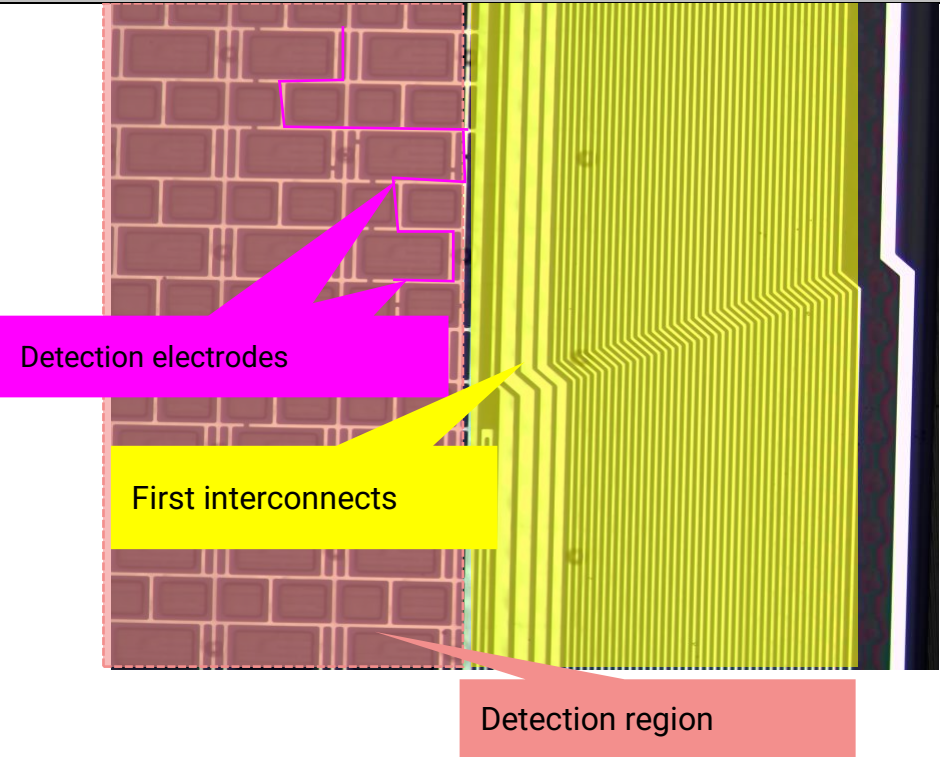
BOE products, including without limitation the BOE panel with touch sensor in the Valve Steam Deck, and all versions and variations thereof since the issuance of the asserted patent.

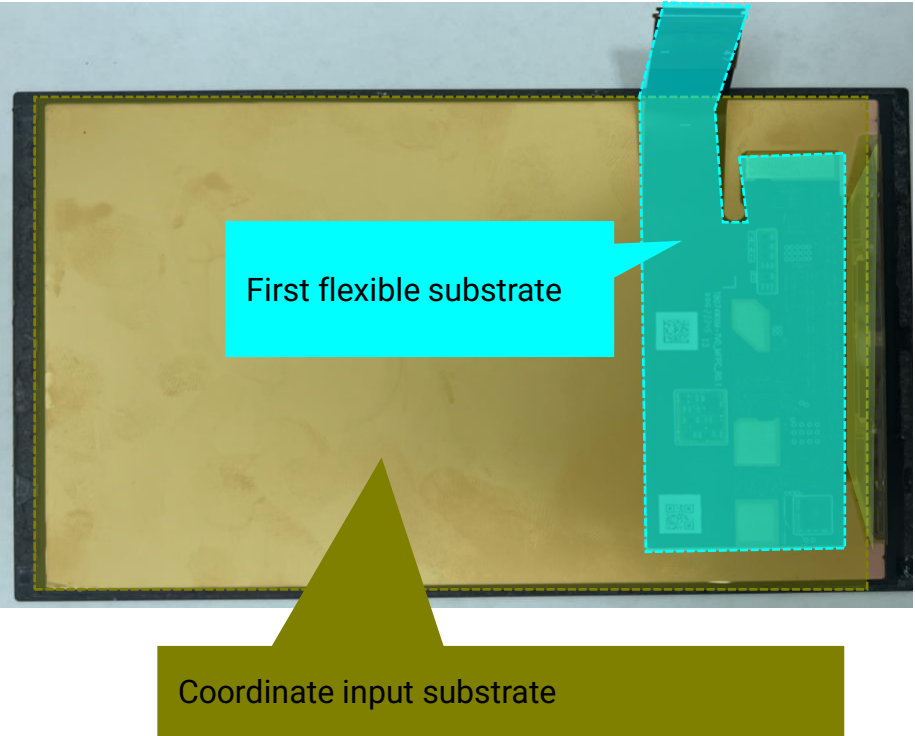
Claim 12

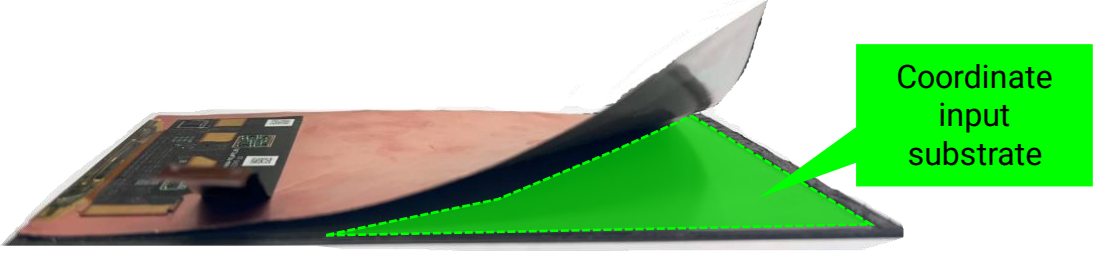
Claim 12	Accused Products
<p>[12.0] A coordinate input device comprising:</p>	<p>To the extent the preamble is limiting, each Accused Product is or comprises a coordinate input device.</p> <p><i>See discussion of claim limitations below.</i></p> <p><i>See also, e.g.:</i></p>  <p>Photograph of exemplary Valve Steam Deck containing BOE panel.</p>

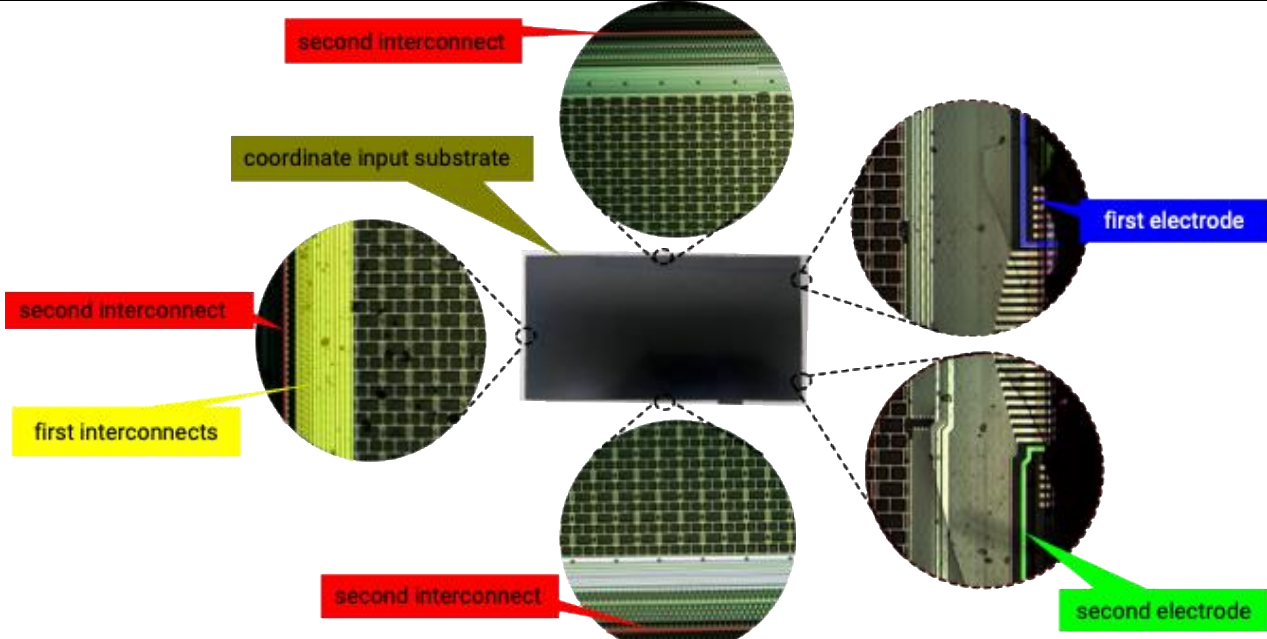
Claim 12	Accused Products
	<div data-bbox="632 256 1686 1011">A photograph of a BOE panel from a Valve Steam Deck. The panel is rectangular with a silver-colored display area at the top. Below the display, there is a black bezel containing several components: a small camera lens on the left, a central sensor area with a QR code, and another QR code on the right. Text on the panel includes "TB074WXM-TV0_MFPC_R0.1" and "SDG 23345 13".</div> <p data-bbox="632 1011 1879 1052">Photograph of BOE panel within exemplary Valve Steam Deck, showing BOE identifying marks.</p> <div data-bbox="632 1068 1732 1328">An annotated photograph of the BOE panel from the Valve Steam Deck, showing the device in an open position. A green dashed line outlines the area of the touch sensor, which is labeled "Coordinate input substrate" in a green box.</div> <p data-bbox="632 1336 1795 1377">Annotated photograph of BOE panel in Valve Steam Deck, opened to expose touch sensor.</p>

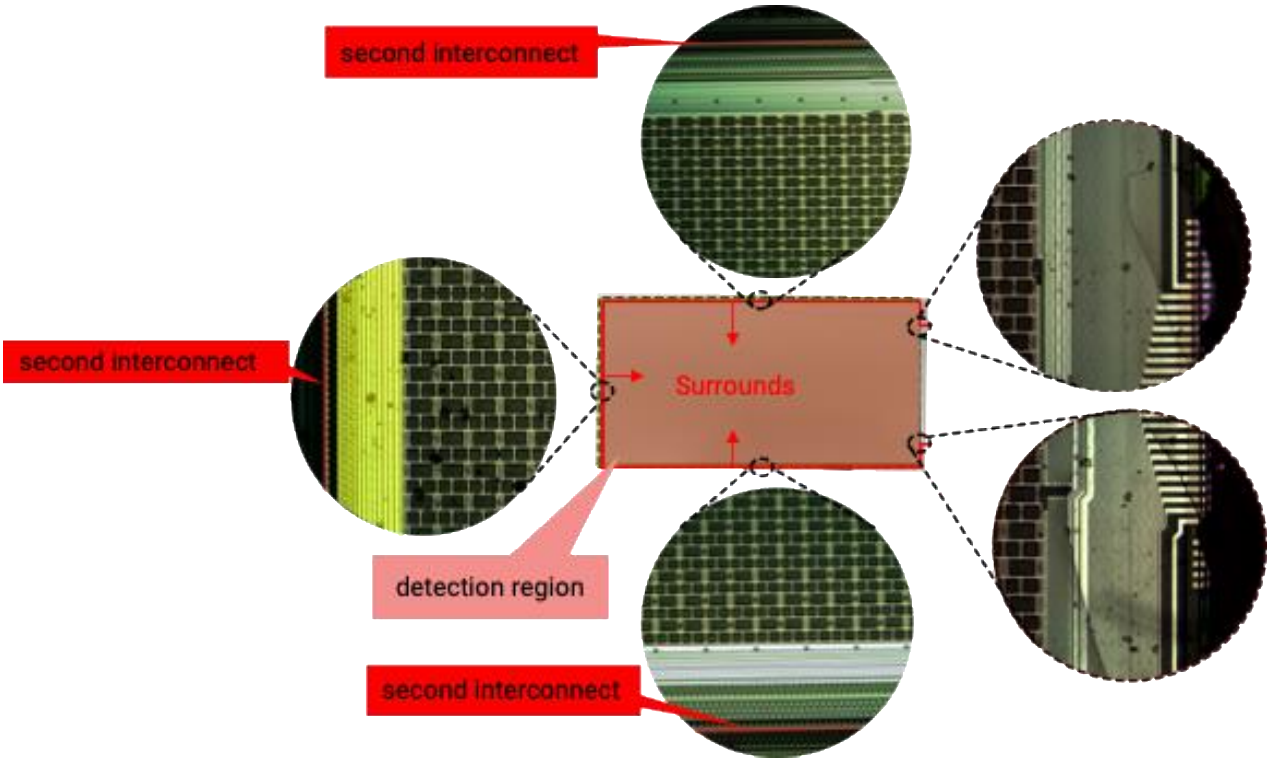
Claim 12	Accused Products
<p>[12.1] a coordinate input substrate having detection electrodes disposed in a detection region, and first interconnects outside the detection region; and</p>	<p>Each Accused Product comprises a coordinate input substrate having detection electrodes disposed in a detection region, and first interconnects outside the detection region.</p> <p><i>See, e.g.:</i></p>  <p>Annotated photograph of BOE panel in Valve Steam Deck, opened to expose touch sensor substrate.</p>

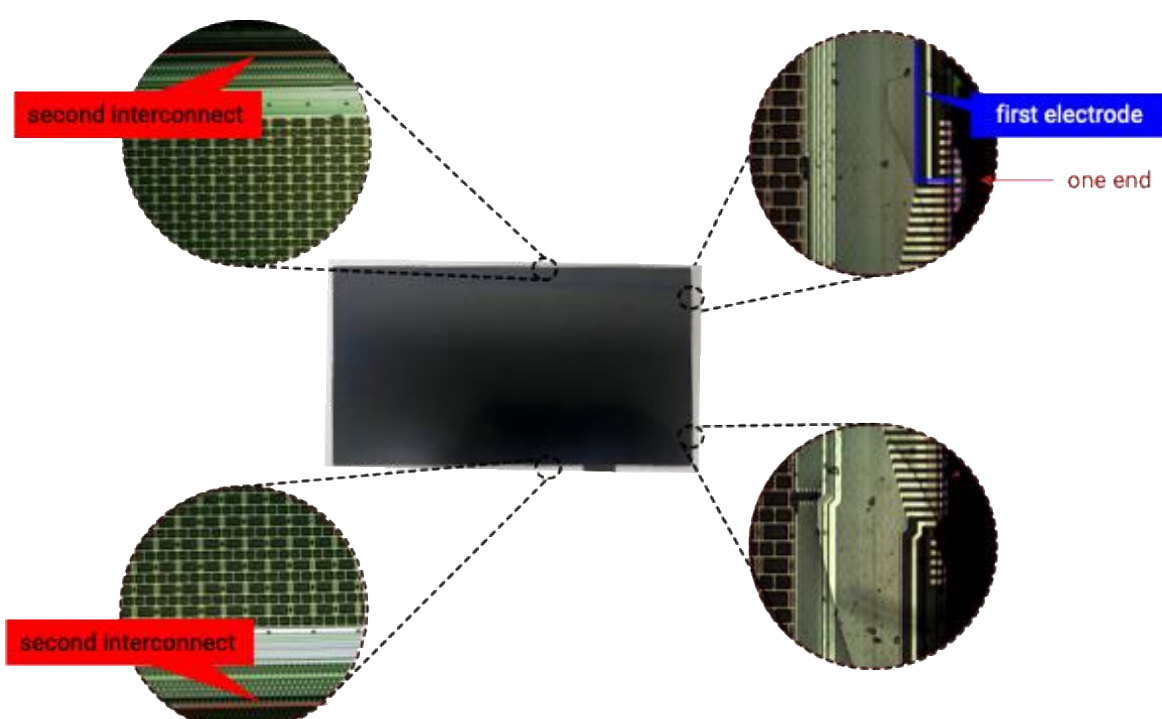
Claim 12	Accused Products
	 <p data-bbox="636 570 1083 646">Detection electrodes</p> <p data-bbox="747 699 1129 800">First interconnects</p> <p data-bbox="1094 930 1486 1008">Detection region</p> <p data-bbox="636 1011 1822 1084">Annotated photograph of portion of touch sensor substrate showing detection electrodes, first interconnects, and detection region.</p>

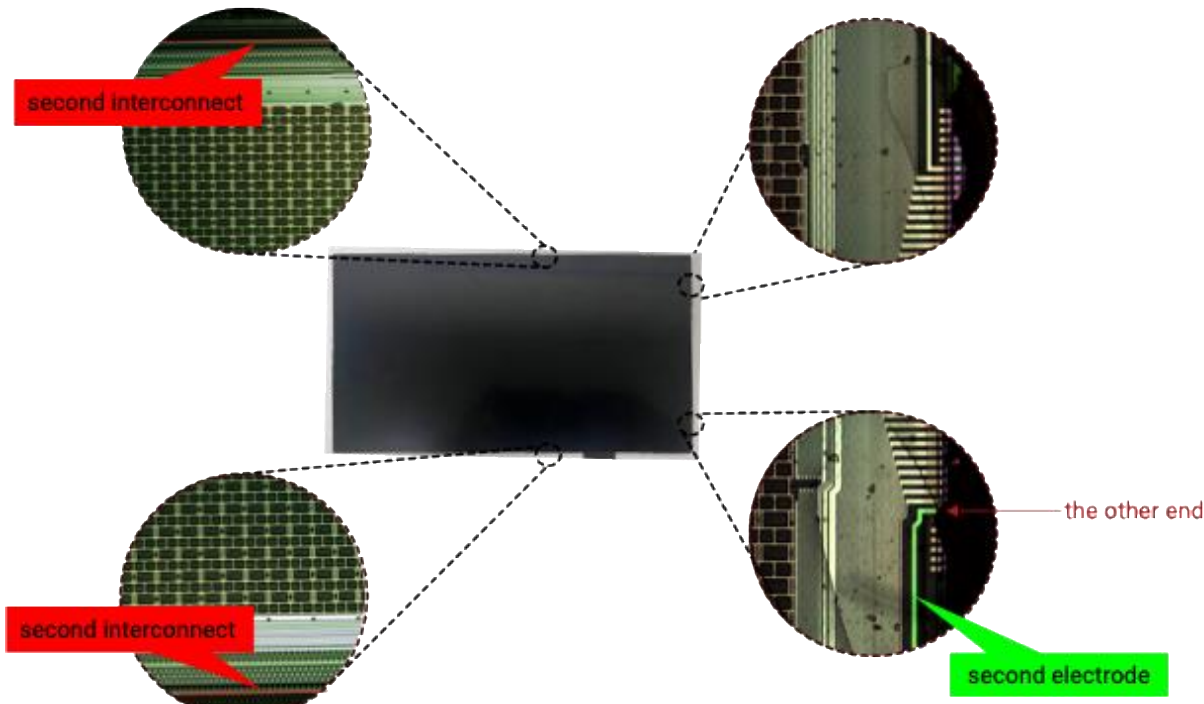
Claim 12	Accused Products
<p>[12.2] a first flexible substrate electrically connected to the coordinate input substrate,</p>	<p>Each Accused Product comprises a first flexible substrate electrically connected to the coordinate input substrate.</p> <p><i>See, e.g.:</i></p>  <p>Annotated photograph of portion of touch sensor substrate showing first flexible substrate electrically connected to touch sensor substrate (behind shield).</p>

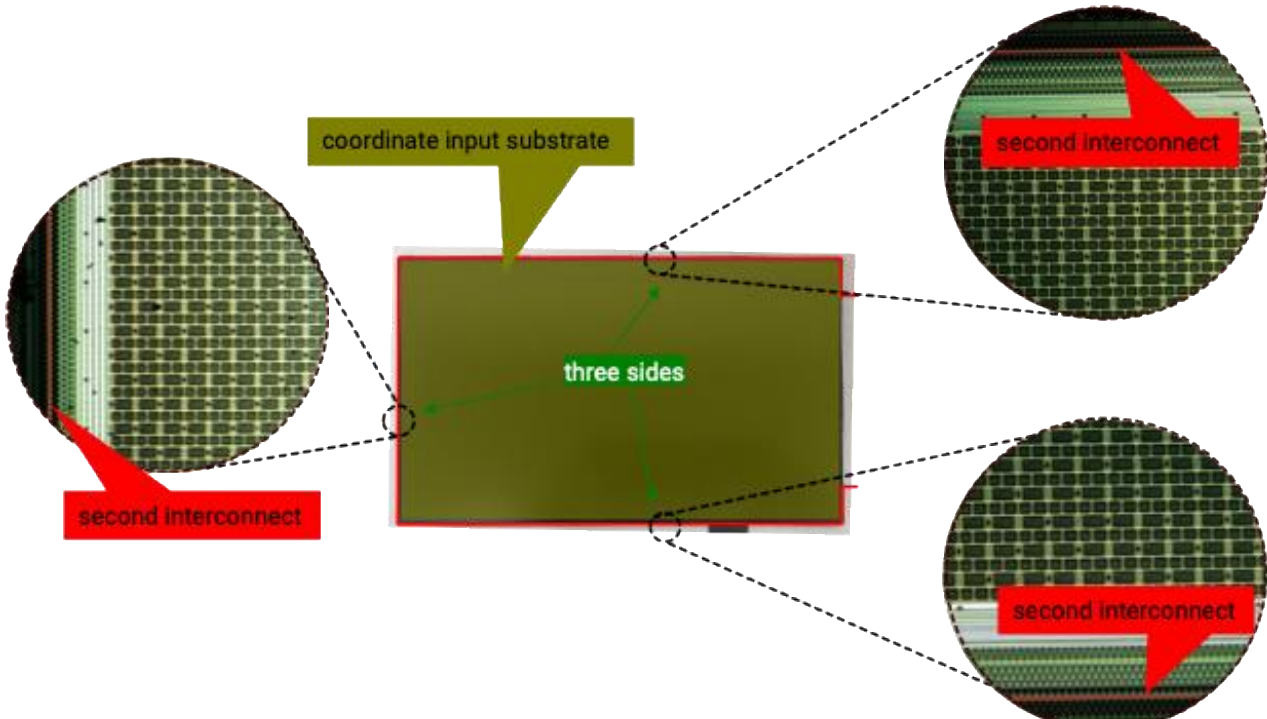
Claim 12	Accused Products
	 <p data-bbox="636 527 1787 592">Annotated photograph of BOE panel in Valve Steam Deck, opened to expose touch sensor substrate.</p>
<p>[12.3] wherein the coordinate input substrate has a second interconnect, a first electrode, and a second electrode,</p>	<p>In each Accused Product, the coordinate input substrate has a second interconnect, a first electrode, and a second electrode.</p> <p><i>See, e.g.:</i></p>

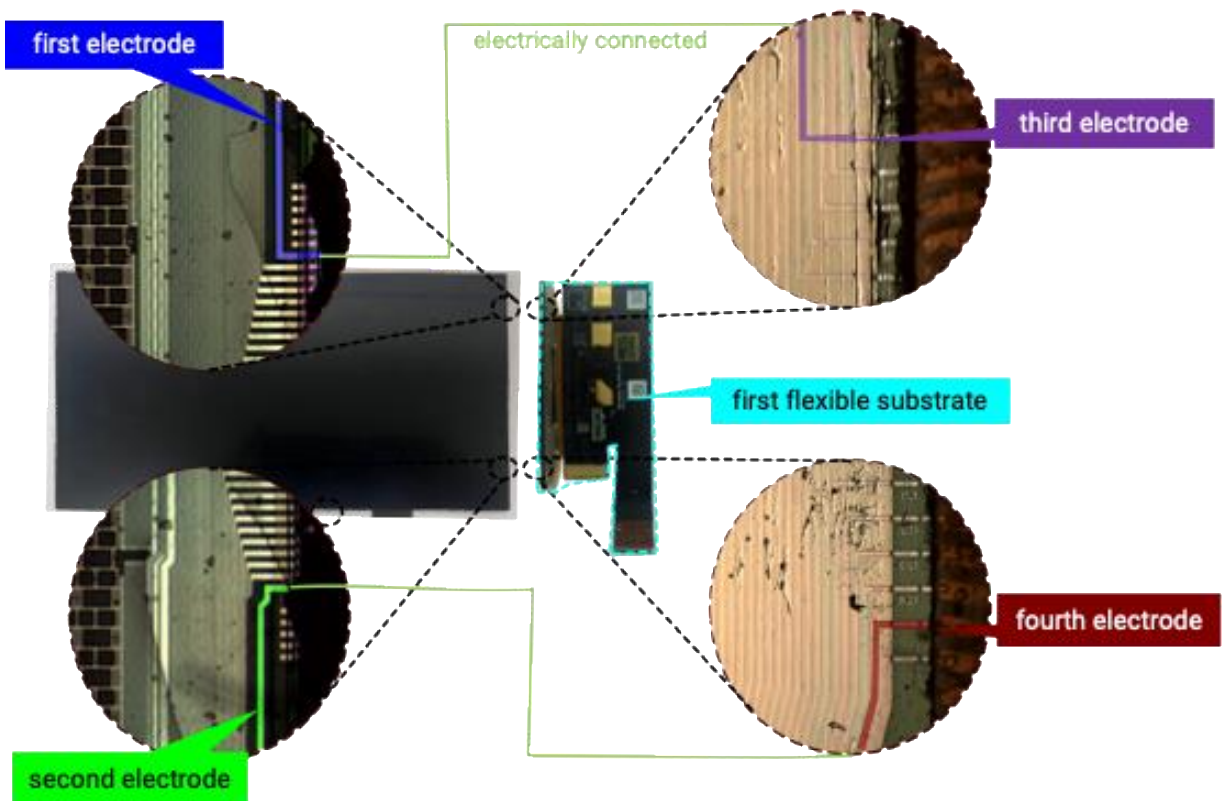
Claim 12	Accused Products
	 <p>Annotated composite photograph of five portions of BOE panel, with overview photograph showing the location of each portion, showing first interconnects, second interconnect, first electrode, and second electrode.</p>

Claim 12	Accused Products
<p>[12.4] wherein the second interconnect surrounds the detection region and is formed outside the first interconnects,</p>	<p>In each Accused Product, the second interconnect surrounds the detection region and is formed outside the first interconnects.</p> <p><i>See, e.g.:</i></p>  <p>Annotated composite photograph of five portions of BOE panel, with overview photograph showing the location of each portion, showing second interconnect surrounding the detection region.</p>

Claim 12	Accused Products
<p>[12.5] wherein the first electrode is formed at one end of the second interconnect,</p>	<p>In each Accused Product, the first electrode is formed at one end of the second interconnect.</p> <p><i>See, e.g.:</i></p>  <p>Annotated composite photograph of four portions of BOE panel, with overview photograph showing the location of each portion, showing first electrode formed at one end of the second interconnect.</p>

Claim 12	Accused Products
<p>[12.6] wherein the second electrode is formed at the other end of the second interconnect,</p>	<p>In each Accused Product, the second electrode is formed at the other end of the second interconnect.</p> <p><i>See, e.g.:</i></p>  <p>Annotated composite photograph of four portions of BOE panel, with overview photograph showing the location of each portion, showing second electrode formed at the other end of the second interconnect.</p>

Claim 12	Accused Products
<p>[12.7] wherein the second interconnect is disposed along a peripheral edge of at least three sides of the coordinate input substrate, and</p>	<p>In each Accused Product, the second interconnect is disposed along a peripheral edge of at least three sides of the coordinate input substrate.</p> <p><i>See, e.g.:</i></p>  <p>Annotated composite photograph of three portions of BOE panel, with overview photograph showing the location of each portion, showing second interconnect disposed along a peripheral edge of at least three sides of the coordinate input substrate.</p>

Claim 12	Accused Products
<p>[12.8] wherein the first electrode is electrically connected with a third electrode on the first flexible substrate, or the second electrode is electrically connected with a fourth electrode on the first flexible substrate.</p>	<p>In each Accused Product, the first electrode is electrically connected with a third electrode on the first flexible substrate, or the second electrode is electrically connected with a fourth electrode on the first flexible substrate.</p> <p><i>See, e.g.:</i></p>  <p>Annotated composite photograph of four portions of BOE panel, with overview photograph showing the location of each portion, showing first electrode, second electrode, third electrode on first flexible substrate, fourth electrode on first flexible substrate, and electrical connections between first and third electrodes and second and fourth electrodes respectively.</p>